

What is Claimed is:

1. A monitoring method comprising:  
detecting instances of physical presence of at least one individual;  
storing location information identifying the at least one individual and information related to the instances;  
displaying on a display a visual image of a physical environment; and  
displaying on the display an image depicting the at least one individual's movements through the physical environment based on the stored location information.
2. A monitoring method as recited in claim 1, wherein the instances of the physical presence of the at least one individual are detected by at least one secure access device which monitors access to areas.
3. A monitoring method as recited in claim 2, wherein the secure access device comprises at least one of a badge reader, iris scanner, pupil scanner, fingerprint scanner, voice recognition, face recognition system and a human guard.
4. A monitoring method as recited in claim 1, wherein the instances of the physical presence of the at least one individual are detected by monitoring usage of an Information Technology (IT) system.

5. A monitoring method as recited in claim 4, wherein information related to the instances includes a location of the individual, determined by determining a location of a terminal the individual has used to access the IT system.

6. A monitoring method as recited in claim 1, wherein the instances of the physical presence of the at least one individual are detected by monitoring usage of at least one piece of office equipment.

7. A monitoring method as recited in claim 6, wherein the at least one piece of office equipment comprises at least one of a facsimile, copier, printer and telephone.

8. A monitoring method as recited in claim 1, wherein the instances of the physical presence of the at least one individual are detected by at least one of a secure access device which monitors access to areas, by monitoring usage of an information technology system and by monitoring usage of a piece of office equipment.

9. A monitoring method as recited in claim 1, wherein the visual image is at least one of a simulated three-dimensional and two-dimensional image of the physical environment.

10. A monitoring method as recited in claim 1, further comprising displaying video data on the display showing actual video of a desired area in the physical environment.

11. A monitoring method as recited in claim 1, wherein the at least one individual's movements are depicted as paths used by the at least one individual as the at least one individual has moved throughout the physical environment.

12. A monitoring method as recited in claim 11, wherein the paths showing the individual's movements are chronologically displayed, gradually showing the individual's movements from point to point over a course of time.

13. A monitoring method as recited in claim 12, wherein as a path is repeatedly shown, the path gradually begins to fade, leaving paths taken less frequently highlighted.

14. A monitoring method as recited in claim 1, wherein the information related to the instance includes information identifying at least a location and time that the individual's presence was detected.

15. A monitoring method as recited in claim 1, further comprising:  
monitoring the at least one individual's usage of various portions of an information technology (IT) system;  
storing usage information relating to the individual's usage of the various portions of the IT system; and  
displaying at least a portion of the stored usage information as a bar graph showing a relative number of times the at least one individual has accessed different categories of the IT

system over a period of time.

16. A monitoring method as recited in claim 1, further comprising displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual's physical presence was detected during each interval of a given day.

17. A monitoring method as recited in claim 16, wherein the number of intervals is 24.

18. A monitoring method as recited in claim 1, further comprising:  
monitoring the at least one individual's usage of various pieces of office equipment;  
storing usage information relating to the individual's usage of the various pieces of office equipment; and  
displaying at least a portion of the stored usage information as a bar graph showing a relative number of times the at least one individual has used different types of the office equipment over a period of time.

19. A monitoring method as recited in claim 18, further comprising displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual has used a piece of office equipment for each interval.

20. A monitoring method as recited in claim 19, wherein the number of intervals is 24.

21. A system for monitoring individuals comprising:

a plurality of detecting units provided at defined locations for detecting physical presence of individuals at the defined locations, each detecting unit providing presence information identifying the individuals detected;

storage for storing the presence information; and

a display for displaying an image depicting a selected individual's movements through a physical environment based on the stored presence information.

22. A system for monitoring as recited in claim 21, wherein the physical presence of the individuals are detected by at least one secure access device which monitors access to areas.

23. A system for monitoring as recited in claim 22, wherein the secure access device comprises at least one of a badge reader, iris scanner, pupil scanner, fingerprint scanner, voice recognition, face recognition system and a human guard.

24. A system for monitoring as recited in claim 21, wherein the physical presence of the individuals are detected by monitoring usage of an Information Technology (IT) system.

25. A system for monitoring as recited in claim 24, wherein the presence information includes a location of the individual, determined by determining a location of a terminal the individual has used to access the IT system.

26. A system of monitoring as recited in claim 21, wherein the physical presence of the individuals are detected by monitoring usage of at least one piece of office equipment.

27. A system for monitoring as recited in claim 26, wherein the at least one piece of office equipment comprises at least one of a facsimile, copier, printer and telephone.

28. A system for monitoring as recited in claim 21, wherein the physical presence of the individuals are detected by at least one of a secure access device which monitors access to areas, by monitoring usage of an information technology system and by monitoring usage of a piece of office equipment.

29. A system for monitoring as recited in claim 21, wherein an image of the physical environment is depicted as at least one of a two-dimensional and three-dimensional image.

30. A system for monitoring as recited in claim 21, further comprising at least one video system for providing video data of at least a portion of the physical environment and which video data can be displayed with the image depicting the selected individual's movements through the physical environment.

31. A system for monitoring as recited in claim 21, wherein the selected individual's movements are depicted as paths used by the at least one individual as the at least one individual has moved throughout the physical environment.

32. A system for monitoring as recited in claim 31, wherein the paths showing the individual's movements are chronologically displayed, gradually showing the individual's movements from point to point over a course of time.

33. A system for monitoring as recited in claim 32, wherein as a path is repeatedly shown, the path gradually begins to fade, leaving paths taken less frequently highlighted.

34. A system for monitoring as recited in claim 21, wherein the presence information includes information identifying at least a location and time that the individual's presence was detected.

35. A system for monitoring as recited in claim 21, further comprising:  
a system for monitoring an individual's usage of various portions of an information technology (IT) system; and  
storage for storing usage information relating to the individual's usage of the various portions of the IT system, wherein the stored usage information is displayed as a bar graph showing a relative number of times the at least one individual has accessed different categories of the IT system over a period of time.

36. A system for monitoring as recited in claim 21, wherein the display displays a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual's physical presence was detected during each interval of a given

day.

37. A system for monitoring as recited in claim 36, wherein the number of intervals is 24.

38. A system for monitoring as recited in claim 21, further comprising:  
a system for monitoring the an individual's usage of various pieces of office equipment;  
storage for storing usage information relating to the individual's usage of the various pieces of office equipment, wherein the display displays at least a portion of the stored usage information as a bar graph showing a relative number of times the at least one individual has used different types of the office equipment over a period of time.

39. A system for monitoring as recited in claim 38, wherein the display further displays a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual has used a piece of office equipment for each interval.

40. A system for monitoring as recited in claim 39, wherein the number of intervals is 24.

41. A monitoring method comprising:  
detecting instances of physical presence of at least one individual at locations in a physical environment and storing location information identifying the at least one individual and



information identifying the locations the physical presence of the at least one individual were detected;

monitoring and storing usage information relating to the at least one individual's usage of various portions of an information technology system;

displaying on a display a visual image of a physical environment; and

displaying on the display the usage information and an image depicting the at least one individual's movements through the physical environment based on at least the stored location information.

42. A monitoring method as recited in claim 41, wherein the visual image is a simulated three-dimensional image of the physical environment.

43. A monitoring method as recited in claim 41, wherein the visual image of the individual's movements show paths used by the at least one individual as the at least one individual has moved throughout the physical environment.

44. A monitoring method as recited in claim 43, wherein the paths showing the individual's movements are chronologically displayed, gradually showing the individual's movements from point to point over a course of time.

45. A monitoring method as recited in claim 43, wherein as a path is repeatedly shown, the path begins to fade, leaving paths taken less frequently highlighted.

46. A monitoring method as recited in claim 41, wherein the information related to the instance includes information identifying at least a location and time that the individual's presence was detected.

47. A monitoring method as recited in claim 41, wherein the usage information is an image of the at least one individual's usage of the various portions of the information technology system is depicted as a bar graph displaying a relative number of times the individual has accessed different categories of the information technology system over a period of time.

48. A monitoring method as recited in claim 41, further comprising displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual's physical presence was detected during each interval of a given day.

49. A monitoring method as recited in claim 48, wherein the clock-like image shows the time of day in 24 hourly intervals.

50. A monitoring method as recited in claim 48, wherein the image of the individual's movements show paths used by the at least one individual as the at least one individual has moved throughout the physical environment beginning at a start time and wherein an hour can be selected by clicking on a portion of the clock-like image to display a visual image of the paths used by the at least one individual beginning at the start time and ending at the selected hour.

51. A monitoring method as recited in claim 50, wherein an image of the individual's information technology usage is also displayed for the given day.

52. A system for monitoring individuals comprising:

a plurality of detecting units provided at defined locations in a physical environment for detecting physical presence of individuals in the physical environment, each detecting unit providing presence information identifying the individuals detected;

a monitoring system for monitoring individuals usage of various portions of an information technology system, the monitoring system providing IT information relating to each individuals usage of the various portions of the information technology system;

storage for storing the presence information and the IT information; and

a display for displaying for a selected individual, the selected individual's IT usage information and an image depicting the selected individual's movements through the physical environment based on at least the stored presence information.

53. A monitoring system as recited in claim 52, wherein the visual image is a simulated three-dimensional image of the physical environment.

54. A monitoring system as recited in claim 52, wherein the visual image of the individual's movements show paths used by the at least one individual as the at least one individual has moved throughout the physical environment.

55. A monitoring system as recited in claim 54, wherein the paths showing the individual's movements are chronologically displayed, gradually showing the individual's movements from point to point over a course of time.

56. A monitoring system as recited in claim 54, wherein as a path is repeatedly shown, the path begins to fade, leaving paths taken less frequently highlighted.

57. A monitoring system as recited in claim 52, wherein the presence information includes information identifying at least a location and time that the individual's presence was detected.

58. A monitoring system as recited in claim 52, wherein the IT information is displayed as an image of the at least one individual's usage of the various portions of the information technology system and is depicted as a bar graph displaying a relative number of times the individual has accessed different categories of the information technology system over a period of time.

59. A monitoring system as recited in claim 52, further comprising displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual's physical presence was detected during each interval of a given day.

60. A monitoring system as recited in claim 59, wherein the clock-like image shows the time of day in 24 hourly intervals.

61. A monitoring system as recited in claim 59, wherein the image of the individual's movements show paths used by the at least one individual as the at least one individual has moved throughout the physical environment beginning at a start time and wherein an hour can be selected by clicking on a portion of the clock-like image to display a visual image of the paths used by the at least one individual beginning at the start time and ending at the selected hour.

62. A monitoring system as recited in claim 61, wherein an image of the individual's information technology usage is also displayed for the given day.

63. A computer recording medium including computer executable code for monitoring individuals, as computer recording medium comprising:

code for receiving information relating to detection instances of physical presence of at least one individual:

code for storing location information identifying the at least one individual and information related to the instances;

code for displaying on a display a visual image of a physical environment; and

code for displaying on the display an image depicting the at least one individual's movements through the physical environment based on the stored location information.

64. A computer recording medium as recited in claim 63, wherein the information related to the instances includes a location of the individual, determined by determining a location of a terminal the individual has used to access an IT system.

65. A computer recording medium as recited in claim 63, wherein the visual image is at least one of a simulated three-dimensional and two-dimensional image of the physical environment.

66. A computer recording medium as recited in claim 63, further comprising code for displaying video data on the display showing actual video of a desired area in the physical environment.

67. A computer recording medium as recited in claim 63, wherein the at least one individual's movements are depicted as paths used by the at least one individual as the at least one individual has moved throughout the physical environment.

68. A computer recording medium as recited in claim 67, wherein the paths showing the individual's movements are chronologically displayed, gradually showing the individual's movements from point to point over a course of time.

69. A computer recording medium as recited in claim 68, wherein as a path is repeatedly shown, the path gradually begins to fade, leaving paths taken less frequently highlighted.

70. A computer recording medium as recited in claim 63, wherein the information related to the instance includes information identifying at least a location and time that the individual's presence was detected.

71. A computer recording medium as recited in claim 63, further comprising:  
code for monitoring the at least one individual's usage of various portions of an information technology (IT) system;  
code for storing usage information relating to the individual's usage of the various portions of the IT system; and  
code for displaying at least a portion of the stored usage information as a bar graph showing a relative number of times the at least one individual has accessed different categories of the IT system over a period of time.

72. A computer recording medium as recited in claim 63, further comprising code for displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual's physical presence was detected during each interval of a given day.

73. A computer recording medium as recited in claim 72, wherein the number of intervals is 24.

74. A computer recording medium as recited in claim 63, further comprising:

code for monitoring the at least one individual's usage of various pieces of office equipment;

code for storing usage information relating to the individual's usage of the various pieces of office equipment; and

code for displaying at least a portion of the stored usage information as a bar graph showing a relative number of times the at least one individual has used different types of the office equipment over a period of time.

75. A computer recording medium as recited in claim 74, further comprising code for displaying a clock-like image showing time of day in set intervals, the clock-like image providing a visual image of a number of times an individual has used a piece of office equipment for each interval.

76. A computer recording medium as recited in claim 75, wherein the number of intervals is 24.

77. A computer recording medium including computer executable code for monitoring individuals comprising:

code for receiving information related to detected instances of physical presence of at least one individual at locations in a physical environment and for storing location information identifying the at least one individual and information identifying the locations the physical presence of the at least one individual were detected;



code for monitoring and storing usage information relating to the at least one individual's usage of various portions of an information technology system;

code for displaying on a display a visual image of a physical environment; and

code for displaying on the display the usage information and an image depicting the at least one individual's movements through the physical environment based on at least the stored location information.